

CTR Employer Survey Report

Thank you for completing your Commute Trip Reduction survey. This report contains the survey results.

Employer Id : E89771

Participation : CTR

Employer : Boeing Employees Credit Union

Status : Affected

Worksite : Kent

Survey Type : Online

Street : 20610 68th Ave S

Response Rate : 62%

Jurisdiction : City of Kent

Survey Date : 4/24/2018

Non-Drive Alone & One-Way VMT Rates at this Worksite

Non-Drive Alone Rate : 21.6%

Drive Alone Rate : 78.4%

One-Way VMT per employee : 14.8

Average One-Way distance home to work : 18.5

Employees and Survey Response Information

Reported Total Employees at Worksite: 409

Surveys Distributed : 409

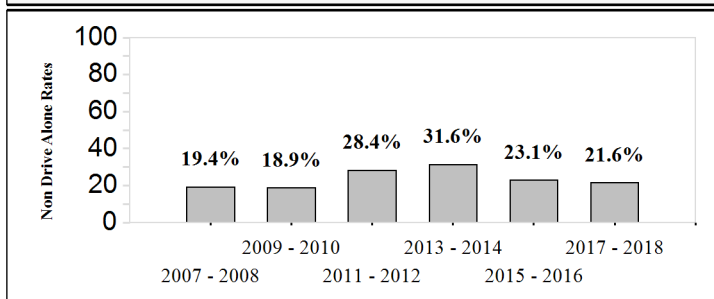
Surveys Returned : 254

Surveys Returned by CTR Affected* Employees : 231

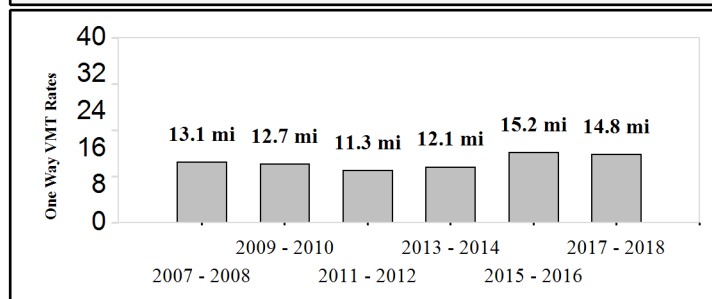
Total Estimated CTR Affected Employees at Worksite : 372

**CTR Affected employees filled out the survey as being full-time and commuting (typically) to work at least twice between 6a and 9a, Monday through Friday.*

Non Drive Alone Rates - ALL Employees



One Way VMT per Employee - ALL Employees



Site History and Targets

Annual Metric Tons CO2e Pounds CO2e

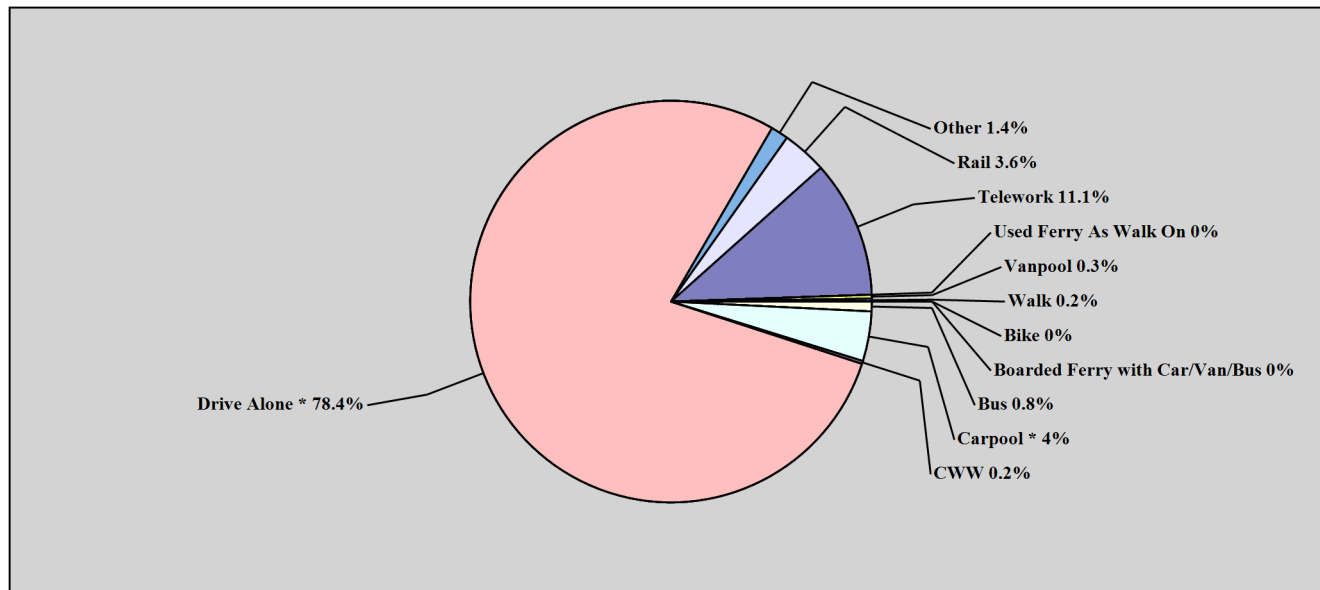
Cycle	Non Drive Alone Rate - All	Non Drive Alone Rate - CTR Affected	Emissions for Surveyed Employees	Estimated Emissions for Total Employment	GHG per Employee's Roundtrip	VMT per Employee - All	VMT per Employee - CTR Affected
2007 - 2008	19.4%	18.9%	545	629	13.6	13.1	13.3
2009 - 2010	18.9%	21.3%	445	574	12.4	12.7	11.7
2011 - 2012	28.4%	31.9%	340	465	10.0	11.3	10.5
2013 - 2014	31.6%	32.9%	568	738	15.9	12.1	12.0
2015 - 2016	23.1%	24.3%	439	1265	27.3	15.2	14.9
2017 - 2018	21.6%	23.1%	840	1352	29.1	14.8	14.5
Target	24.1%				Target:	11.6	
% Point Change Target:	4.7				% Change Target:	-11.5%	
% Point Change from Baseline:	2.2				% Change from Baseline:	13.0%	

GHG calculations are based on VMT and estimated total round-trip commutes for all employees. Modes that contribute to GHG include driving alone, carpooling, vanpooling, and riding a motorcycle. The use of other modes (e.g., transit, rail, walking, ferry) do not increase a worksite's GHG calculation. For more information about how GHG is calculated, please contact your jurisdiction's representative.

Commute Trips By Mode - All Employees

Q.4: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - All Employees



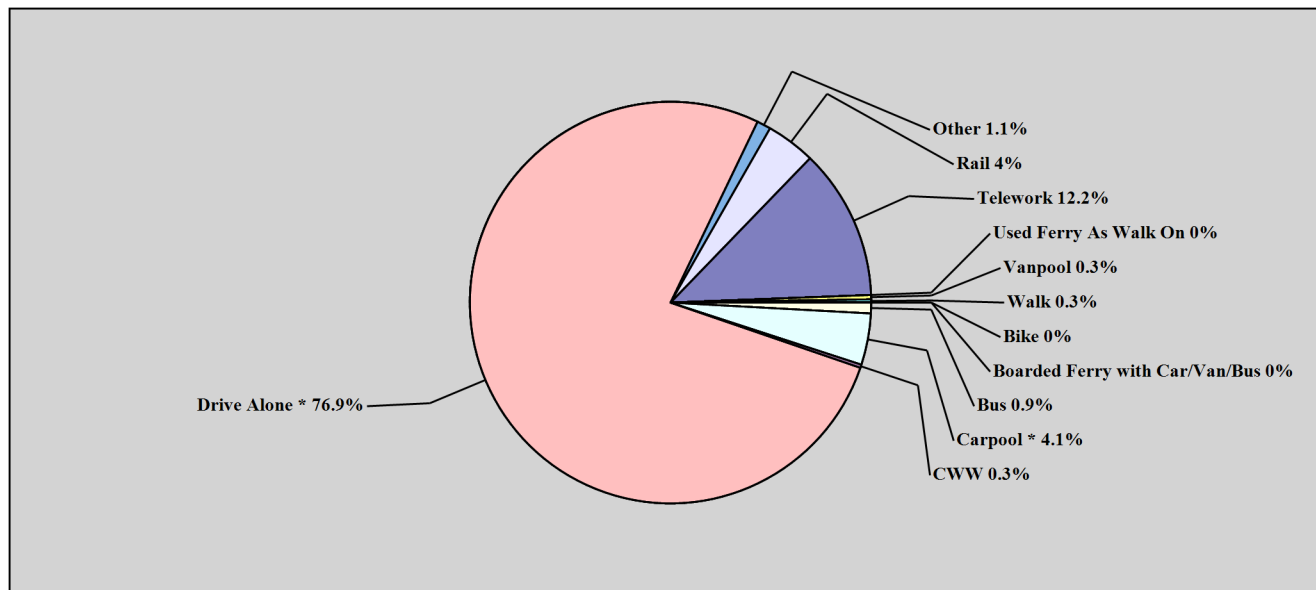
Mode	Trips During This Survey	% of Trips During This Survey	% of Trips During Previous Survey	Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During Previous Survey
Drive Alone *	1,000	78.4%	76.9%	220	86.6%	89.1%
Carpool *	51	4.0%	5.5%	18	7.1%	9.5%
Vanpool	4	0.3%	0.0%	1	0.4%	0.0%
Bus	10	0.8%	1.6%	3	1.2%	2.2%
Rail	46	3.6%	3.3%	15	5.9%	5.1%
Bike	0	0.0%	0.1%	0	0.0%	0.7%
Walk	3	0.2%	0.3%	1	0.4%	0.7%
Telework	141	11.1%	11.2%	43	16.9%	24.1%
CWW	3	0.2%	0.1%	1	0.4%	0.7%
Boarded Ferry with Car/Van/Bus	0	0.0%	0.0%	0	0.0%	0.0%
Used Ferry As Walk On	0	0.0%	0.0%	0	0.0%	0.0%
Other	18	1.4%	0.9%	5	2.0%	1.5%

* Motorcycle-1 is now included in Drive Alone and Motorcycle-2 is included in Carpool. Information about these trips is still available by request.

Commute Trips By Mode - Affected Employees

Q.4: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - CTR Affected Employees



Mode	Trips During This Survey	% of Trips During This Survey	% of Trips During Previous Survey	Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During Previous Survey
Drive Alone *	891	76.9%	75.7%	198	85.7%	87.6%
Carpool *	48	4.1%	5.9%	16	6.9%	10.1%
Vanpool	4	0.3%	0.0%	1	0.4%	0.0%
Bus	10	0.9%	1.7%	3	1.3%	2.3%
Rail	46	4.0%	3.6%	15	6.5%	5.4%
Bike	0	0.0%	0.2%	0	0.0%	0.8%
Walk	3	0.3%	0.3%	1	0.4%	0.8%
Telework	141	12.2%	11.7%	43	18.6%	24.8%
CWW	3	0.3%	0.0%	1	0.4%	0.0%
Boarded Ferry with Car/Van/Bus	0	0.0%	0.0%	0	0.0%	0.0%
Used Ferry As Walk On	0	0.0%	0.0%	0	0.0%	0.0%
Other	13	1.1%	0.9%	4	1.7%	1.6%

* Motorcycle-1 is now included in Drive Alone and Motorcycle-2 is included in Carpool. Information about these trips is still available by request.

Alternative Modes - Number of Employees Who Used a Non-Drive Alone Mode:

Non-Drive Alone Number Of Days	Exactly this # of Employees	Exactly this % of Employees	At least # of Employees	At least % of employees
0 Day	178	70%	254	100%
1 Days	11	4%	76	30%
2 Days	13	5%	65	26%
3 Days	10	4%	52	20%
4 Days	9	4%	42	17%
5 Days	26	10%	33	13%
6 or More Days	7	3%	7	3%

Count by Occupancy of Carpools and Vanpools

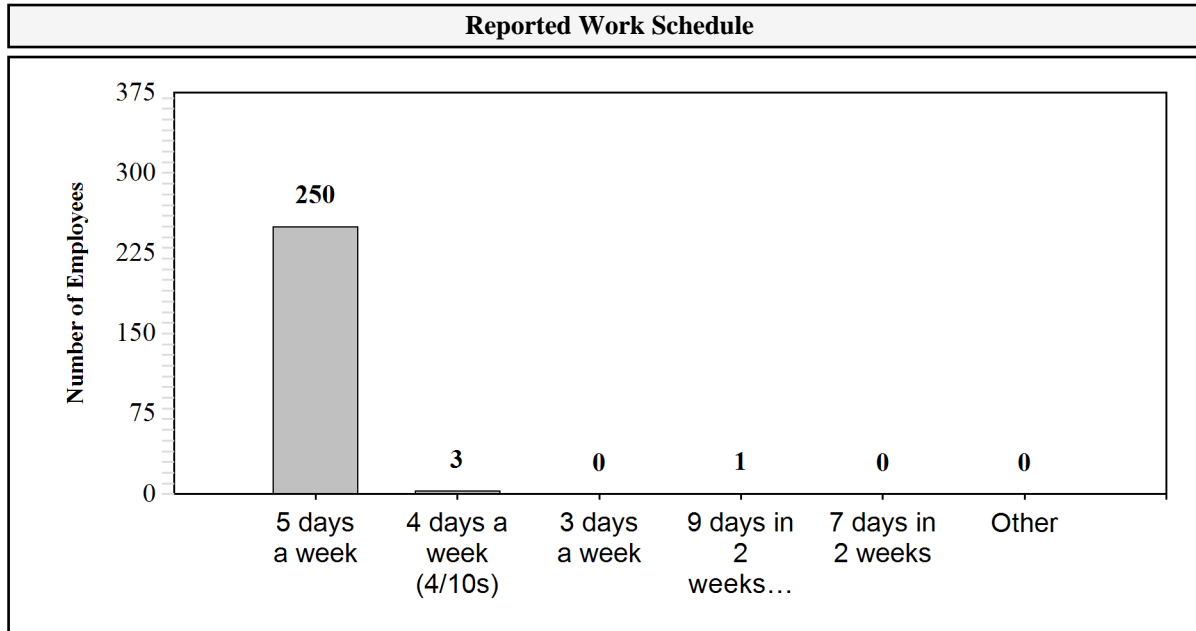
Q.5 If you used a carpool or vanpool as part of your commute, how many people (age 16 or older) are usually in the vehicle?

Ridesharing Occupancy	Mode	Response Count
2*	Carpool	51
3	Carpool	0
4	Carpool	0
5	Carpool	0
>5	Carpool	0
<5	Vanpool	0
5	Vanpool	0
6	Vanpool	4
7	Vanpool	0
8	Vanpool	0
9	Vanpool	0
10	Vanpool	0
11	Vanpool	0
12	Vanpool	0
13	Vanpool	0
14	Vanpool	0
>14	Vanpool	0

* Motorcycle-2 counted with Carpool-2 for this table.

Reported Work Schedule - All Employees

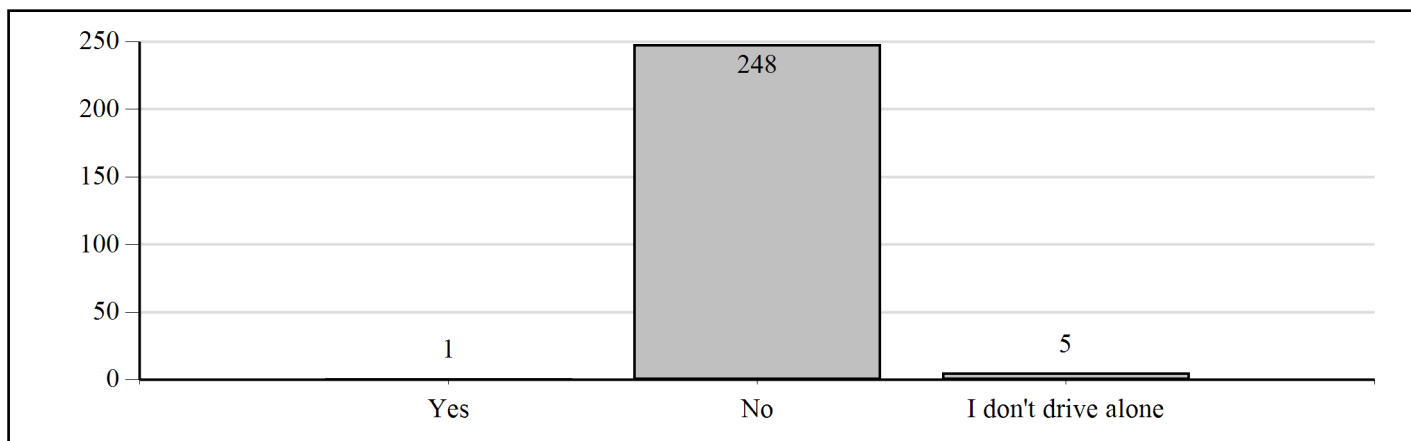
Q.8 Which of the following best describes your work schedule?



Reported Work Schedule	# Of Responses	% Of Employees
5 days a week	250	98.4%
4 days a week (4/10s)	3	1.2%
3 days a week	0	0%
9 days in 2 weeks (9/80)	1	0.4%
7 days in 2 weeks	0	0%
Other	0	0%

Parking and Telework

Q.9: On the most recent day that you drove alone to work, did you pay to park? (Mark "yes" if you paid that day, if you prepaid, if you are billed later, or if the cost of parking is deducted from your paycheck.)



Q.10: How many days do you typically telework?

Telework Frequency	# of Responses	% of Responses
No Answer/Blank	0	0.0%
I don't telework	144	56.7%
Occasionally, on an as-needed basis	49	19.3%
1-2 days/month	10	3.9%
1 day/week	9	3.5%
2 days/week	6	2.4%
3 days/week	36	14.2%

Reasons for driving alone to work/not driving alone to work

Q11. When you do not drive alone to work, what are the three most important reasons?

Question Text	# of Responses	% of Responses
To save money	88	18.5%
I have the option of teleworking	70	14.7%
To save time using the HOV lane	62	13.0%
Free or subsidized bus, train, vanpool pass or fare benefit	60	12.6%
Other	47	9.9%
Environmental and community benefits	37	7.8%
Personal health or well-being	36	7.6%
Financial incentives for carpooling, bicycling or walking.	27	5.7%
Emergency ride home is provided	16	3.4%
Driving myself is not an option	15	3.2%
Preferred/reserved carpool/vanpool parking is provided	9	1.9%
Cost of parking or lack of parking	8	1.7%
I receive a financial incentive for giving up my parking space	1	0.2%

Q12. When you drive alone to work, what are the three most important reasons?

Question Text	# of Responses	% of Responses
I like the convenience of having my car	174	28.6%
Riding the bus or train is inconvenient or takes too long	157	25.8%
Family care or similar obligations	115	18.9%
My commute distance is too short	61	10.0%
Other	45	7.4%
My job requires me to use my car for work	20	3.3%
I need more information on alternative modes	19	3.1%
Bicycling or walking isn't safe	17	2.8%
There isn't any secure or covered bicycle parking	0	0.0%

Commute Mode By ZipCode for All Employees

Q6. What is your home zip code?

Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98031	10	3.94%	49	0	0	0	0	0	0	0	0	0	0	0	0
98058	10	3.94%	40	1	0	0	0	0	0	0	8	0	0	0	0
98391	10	3.94%	40	4	0	0	0	5	0	0	4	0	0	0	0
98030	9	3.54%	36	0	0	0	0	0	0	0	4	0	0	0	0
98092	9	3.54%	34	10	0	0	0	0	0	0	3	0	0	0	0
98375	9	3.54%	36	0	0	0	0	1	0	0	9	0	0	0	0
98198	8	3.15%	41	2	0	0	0	0	0	0	0	0	0	0	0
98001	7	2.76%	30	0	0	0	0	0	0	3	2	0	0	0	0
98003	7	2.76%	32	0	0	0	0	0	0	0	5	0	0	0	0
98032	7	2.76%	29	0	0	0	0	0	0	0	0	0	0	0	5
98023	6	2.36%	27	0	0	0	0	0	0	0	4	0	0	0	0
98042	6	2.36%	28	0	0	0	0	0	0	0	2	0	0	0	0
98168	6	2.36%	22	1	0	0	1	0	0	0	0	0	0	0	4
98002	5	1.97%	15	0	0	0	0	0	0	0	10	0	0	0	0
98106	5	1.97%	18	0	0	0	0	0	0	0	6	0	0	0	0
98188	5	1.97%	23	2	0	0	0	0	0	0	0	0	0	0	0
98373	5	1.97%	19	0	0	0	0	1	0	0	4	0	0	0	0
98422	5	1.97%	20	0	0	0	0	0	0	0	5	0	0	0	1
98038	4	1.57%	19	0	0	0	0	0	0	0	0	0	0	0	0
98055	4	1.57%	20	0	0	0	0	0	0	0	0	0	0	0	0
98166	4	1.57%	19	0	0	0	0	0	0	0	1	0	0	0	0
98360	4	1.57%	1	0	0	0	0	10	0	0	5	0	0	0	6
98371	4	1.57%	19	0	0	0	0	0	0	0	0	0	0	0	0
98372	4	1.57%	20	0	0	0	0	0	0	0	0	0	0	0	0
98387	4	1.57%	22	0	0	0	0	0	0	0	0	0	0	0	0
98424	4	1.57%	9	10	0	0	0	0	0	0	0	0	0	0	0



Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98006	3	1.18%	16	0	0	0	0	0	0	0	0	0	0	0	0
98056	3	1.18%	15	0	0	0	0	0	0	0	0	0	0	0	0
98087	3	1.18%	11	3	0	0	0	0	0	0	1	0	0	0	0
98103	3	1.18%	13	0	0	0	0	0	0	0	2	0	0	0	0
98148	3	1.18%	16	0	0	0	0	0	0	0	0	0	0	0	0
98208	3	1.18%	10	0	0	0	0	0	0	0	5	0	0	0	0
98374	3	1.18%	11	1	0	0	0	3	0	0	0	0	0	0	0
98404	3	1.18%	10	0	0	0	0	4	0	0	0	0	0	0	0
98409	3	1.18%	6	2	0	0	0	5	0	0	0	0	0	0	0
98022	2	0.79%	10	0	0	0	0	0	0	0	0	0	0	0	0
98029	2	0.79%	7	0	0	0	0	0	0	0	3	0	0	0	0
98047	2	0.79%	5	0	0	0	0	2	0	0	3	0	0	0	0
98059	2	0.79%	10	0	0	0	0	0	0	0	0	0	0	0	0
98109	2	0.79%	5	0	0	0	5	0	0	0	0	0	0	0	0
98115	2	0.79%	10	0	0	0	0	0	0	0	0	0	0	0	0
98125	2	0.79%	2	0	0	0	0	0	0	0	5	3	0	0	0
98126	2	0.79%	6	0	0	0	4	0	0	0	0	0	0	0	0
98178	2	0.79%	6	0	0	0	0	0	0	0	6	0	0	0	0
98296	2	0.79%	3	5	0	0	0	0	0	0	4	0	0	0	0
98321	2	0.79%	9	0	0	1	0	0	0	0	0	0	0	0	0
98338	2	0.79%	6	0	0	0	0	0	0	0	4	0	0	0	0
98366	2	0.79%	10	0	0	0	0	0	0	0	0	0	0	0	0
98466	2	0.79%	0	0	0	0	0	3	0	0	7	0	0	0	0
98499	2	0.79%	8	2	0	0	0	0	0	0	0	0	0	0	0
98516	2	0.79%	3	0	0	0	0	5	0	0	0	0	0	0	2
98007	1	0.39%	5	0	0	0	0	0	0	0	0	0	0	0	0
98008	1	0.39%	5	0	0	0	0	0	0	0	0	0	0	0	0
98012	1	0.39%	0	5	0	0	0	0	0	0	0	0	0	0	0
98020	1	0.39%	5	0	0	0	0	0	0	0	0	0	0	0	0



Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98026	1	0.39%	5	0	0	0	0	0	0	0	0	0	0	0	0
98028	1	0.39%	5	0	0	0	0	0	0	0	0	0	0	0	0
98033	1	0.39%	1	0	0	0	0	0	0	0	4	0	0	0	0
98034	1	0.39%	5	0	0	0	0	0	0	0	0	0	0	0	0
98052	1	0.39%	6	0	0	0	0	0	0	0	0	0	0	0	0
98065	1	0.39%	5	0	0	0	0	0	0	0	0	0	0	0	0
98070	1	0.39%	0	0	4	0	0	0	0	0	1	0	0	0	0
98074	1	0.39%	5	0	0	0	0	0	0	0	0	0	0	0	0
98075	1	0.39%	4	0	0	0	0	0	0	0	0	0	0	0	0
98104	1	0.39%	4	0	0	0	0	1	0	0	0	0	0	0	0
98118	1	0.39%	4	0	0	0	0	0	0	0	1	0	0	0	0
98119	1	0.39%	5	0	0	0	0	0	0	0	0	0	0	0	0
98133	1	0.39%	6	0	0	0	0	0	0	0	0	0	0	0	0
98136	1	0.39%	0	0	0	0	0	0	0	0	4	0	0	0	0
98146	1	0.39%	0	0	0	0	0	0	0	0	6	0	0	0	0
98199	1	0.39%	4	1	0	0	0	0	0	0	0	0	0	0	0
98258	1	0.39%	5	0	0	0	0	0	0	0	0	0	0	0	0
98270	1	0.39%	0	0	0	0	0	0	0	0	5	0	0	0	0
98290	1	0.39%	1	0	0	0	0	0	0	0	4	0	0	0	0
98323	1	0.39%	5	0	0	0	0	0	0	0	0	0	0	0	0
98327	1	0.39%	0	0	0	0	0	4	0	0	1	0	0	0	0
98332	1	0.39%	5	0	0	0	0	0	0	0	0	0	0	0	0
98390	1	0.39%	5	0	0	0	0	0	0	0	0	0	0	0	0
98403	1	0.39%	6	0	0	0	0	0	0	0	0	0	0	0	0
98407	1	0.39%	3	2	0	0	0	0	0	0	0	0	0	0	0
98418	1	0.39%	5	0	0	0	0	0	0	0	0	0	0	0	0
98443	1	0.39%	5	0	0	0	0	0	0	0	0	0	0	0	0
98444	1	0.39%	0	0	0	0	0	2	0	0	3	0	0	0	0
98446	1	0.39%	5	0	0	0	0	0	0	0	0	0	0	0	0



Weekly Count of Trips By Mode

Home Zip code	Total Employees	Employee Percentage	Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98467	1	0.39%	5	0	0	0	0	0	0	0	0	0	0	0	0